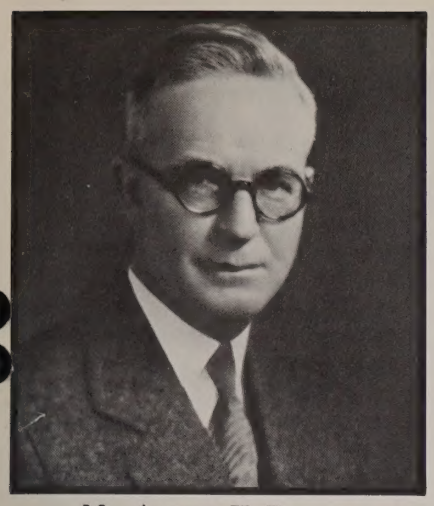


Mr. Arthur T. Dooley

Mr. Arthur T. Dooley, Philanthropist, Dies

Mr. Arthur T. Dooley, member of the New England Deaconess Hospital Corporation and donor of the hospital's Chapel, died August 12 at the age of 96. Formerly of Malden, Mass., Mr. Dooley lived in the Somerset Hotel for the last quarter of a century.

A philanthropist, Mr. Dooley donated a substantial amount of money to charities, hospitals, schools, churches and individuals. Two of his more widely known gifts are the Deaconess' Arthur T. Dooley Chapel, which was dedicated June 1956, and the Melrose YMCA swimming pool. The window in the Deaconess' Chapel is in memory of Mr. Dooley's wife, Alice (Wyman), who died in 1946.

Mr. Dooley financed a small indoor chapel and classrooms for children at the First Congregational Church of Waverly, Belmont, Mass., where he was a member and trustee. He gave scholarship funds to both the Deaconess School of Nursing and the New England Baptist Hospital. Mr. Dooley was a Mason and served as a trustee of the Kiddie Camp. One of his most recent gift is the still-to-be-built chapel for the Boston University Hospital.

Mr. Dooley was an executive in grocery buying for S. S. Pierce & Company for 44 years. Before joining S. S. Pierce, he was general manager for J. B. Middleby Company; a bakery supply house.

According to Miss Mary Huberman, Mr. Dooley's secretary for 37 years, "He was a self-made man who loved the fine arts and music." His interest in music was focused on classical work, especially the operas of old masters.

New England Deaconess Hospital Boston, Massachusetts

pulse

VOLUME 23 — NUMBER 11 SEPTEMBER 1970

Heart Surgery and Kidney Transplant Save Deaconess Patient

A unique combination of surgical procedures saved the life of 19-year-old Beverly Hatch. Beverly, a resident of Granby, Mass., was suffering from what would normally have been terminal heart and kidney diseases. Discharged in July, she now has the chance to lead a normal life. Her transplanted kidney and mended heart are functioning perfectly.

During her stay at the Deaconess, one medical accomplishment after another brought Beverly to her present state of good health. She was kept alive for a time with an artificial kidney machine; was removed from the same machine because her heart condition could not tolerate the strain; was then sustained by a rarely-used stop-gap technique; had an artificial valve implanted in her aorta during open-heart surgery; and had a cadaver kidney transplanted into her.

Dr. Anthony Monaco, chief of the Boston City Hospital transplant division and member of the Deaconess medical staff, performed the kidney graft and Dr. Wilford Neptune, Overholt Thoracic Clinic, performed the open-heart surgery.

According to Dr. Edmund J. Lewis, chief of the Boston City Hospital renal division and member of the Deaconess medical staff, "It was the ultimate. Here you had the artificial organ, the open-heart surgery and a transplant all wrapped together. It's incredible that everything went so smoothly. There were few complications."

Deaconess' special care unit was praised by Dr. Monaco who noted that few transplant units would attempt a graft on a patient with the combination of medical problems that beset Miss Hatch.

Beverly was first referred to Boston City Hospital for a kidney transplant. It was then discovered that she had a combination of severe inflammation and aortic regurgitation. The valve, at the junction of the aorta and the lower left chamber of the heart, when functioning normally, allows the blood to flow from the heart into the artery and prevents a back flow. With regurgitation, the blood flows backward through the defective valve.

When she was transferred to the Deaconess, Beverly was put on peritoneal dialysis to keep her body cleansed of poisonous wastes. This method is similar to kidney dialysis which had caused too much of a strain on her heart. However, instead of washing through a membrane, the peritoneal cavity, filled with fluid, is used.

While she was on peritoneal dialysis, Dr. Neptune performed the open-heart surgery and replaced the defective valve with an artificial one. She remained on peritoneal dialysis until the kidney transplant was performed by Dr. Monaco seven weeks later. The new kidney functioned immediately and Beverly went home 21 days after the transplant.

Chaplain Charles Kessler

Mr. Kessler Becomes Assistant Chaplain

Mr. Charles W. Kessler was appointed assistant chaplain of the Deaconess Hospital on August 1. His addition to the staff enables the chaplain's office to better serve the increased number of patients and their families, hospital personnel and nursing students. Mr. Kessler assists Chaplain Curtis in all areas of the rector's work.

A graduate of Oberlin College, Ohio, and Harvard Divinity School, Chaplain Kessler had clinical training at Peter Bent Brigham Hospital. He also worked at City Hospital's out-patient alcoholic clinic where he still counsels one night a week.

Chaplain Kessler's outside interests include sailing, playing the violin and listening to classical music. He and his wife, Diane, live in one of the hospital's Autumn Street apartments.

Dr. John McKittrick Appointed Head of Ambulatory Services

Dr. John B. McKittrick was appointed chairman of ambulatory services at the September 15 meeting of the executive committee of the NEDH Board of Trustees. The committee decided it was imperative that a medical coordinator be appointed to oversee ambulatory services because of the extremely high level of activity in the outpatient facilities.

As Chairman of Ambulatory Services, Dr. McKittrick will coordinate work in with the Observation Unit, all outpatient clinics and the operating room.

Decentralization of facilities and a shortage of space are current handicaps in ambulatory services. During the coming year, Dr. McKittrick will assist in developing new outpatient facilities that will be combined and located on the second floor of the Deaconess building. These services are now located in three areas: the Cancer Research Institute, Deaconess 2 and Central 5.

JUST A THOUGHT: "You give little when you give of your possessions. It is when you give of yourself that you truly give."

— *Kahlil Gibran*

PROFILE: Mr. Robert Pence

How does one become a successful business manager? Well, if we discount logic and add a degree in romance languages, then we have an interesting door opener. After the door is open, we add natural management ability and we have a case history of Mr. Robert Pence, business manager of the Cancer Research Institute, the Shields Warren Radiation Laboratory and the Tumor Diagnosis Service of the Harvard Cancer Commission & the Commonwealth.

In 1950, Mr. Pence received a bachelor's degree in romance languages from Miami University, Oxford, Ohio. Then, with a Fullbright Scholarship in hand, he went to France to continue his studies at the University of Montpellier.

For the length of time that Mr. Pence served in the Navy, he used his specialized educational background. From 1951-1955, he was head translations officer in the Intelligence Department on the Staff of the Commander-in-Chief of the Pacific Fleet. Although he spent most of his time stationed at Pearl Harbor, Mr. Pence traveled to Indochina, the Philippines, Singapore and Australia during his stint with the Navy.

Mr. Pence came to the Deaconess in July 1968, from the Sloan-Kettering Institute for Cancer Research in New York City. Upon his arrival, he took immediate charge of the Tumor Diagnosis Service of the Harvard Cancer Commission & the Commonwealth and the Cancer Research Institute. A year later he was given the additional responsibility of the Shields Warren Radiation Laboratory.

Before looking for a change and finding the Deaconess, he had ten years of management experience at Sloan-Kettering where he was in charge of laboratory and office services. The intrigue of new surroundings and the opportunity of working with Dr. Shields Warren, then the scientific director of CRI, convinced Mr. Pence that NEDH was the place for him.

A taste for traveling was instilled in Mr. Pence when he was a young boy living at home with his parents in Hillsborough, Ohio, but staying for extended periods of time with his mother's cousin in San Francisco. The extended-visit situation was unique but logical considering the fact that his San Francisco relatives were childless and enjoyed his companionship.

Childhood journeys coupled with Navy travel experiences determined Mr. Pence to find a job that would enable him to see more of the world. His first job, which he accepted in 1955, fit these travel specifications. He went to work with the Texas Petroleum Company in a marketing position. During his two years with the firm, he spent most of the time in West Africa visiting countries such as: Nigeria, Cameroons, Liberia and the Ivory Coast.

Speaking highly of his West African tour, Mr. Pence comments, "It is a fascinating place and maybe someday I'll return. One of the interesting things I observed while there was the political climate. It was constantly in unpredictable motion because of the transitions in the various governments."

Mr. Pence's office is in constant motion, although not quite like the turmoil he refers to in West Africa; things are a bit more stable at CRI. Progress reports and grant applications occupy most of Mr. Pence's time. While his two secretaries finalize a series of reports, Mr. Pence confers with his constituents at the three research centers about another series of reports. There is no end to the work in a smoothly run research center and Mr. Pence is continually on the go.

Mr. Robert Pence

Mr. Pence's outside interests center around travel and the out-of-doors. During the summer he spends as much time as possible on Block Island. He enjoys fishing, swimming and hiking as leisure-time activities on the island.

The Canadian Maritime Provinces are Mr. Pence's favorite areas for travel. He also enjoys exploring Montreal and Quebec where the differences in culture fascinate him. During the colder months when Mr. Pence's interests deviate from the out-of-doors and travel, he begins to take advantage of his immediate urban surroundings.

According to him, "During the winter I become more of a city dweller. I like to attend concerts and various theater productions both in Boston and New York."

Mr. Pence lives on the South Shore in Weymouth with his nine-year-old dog, Mandy. The dog, a gray Poodle, is unique looking with its Kerry Blue terrier cut. Mandy shares her owner's enjoyment of exploration and occasionally accompanies Mr. Pence on his walks.

Volunteer Puts Records In Order

A total of 117,500 inactive patient index cards, dating from 1869 through 1939, have been removed from the automatic "push-button" file in the medical record department. The deactivation process has involved sorting through approximately 400,000 cards.

Miss Ruey Packard, volunteering three hours a week since August 1969, is directly responsible for deactivating over 100,000 of the cards. Temporarily stored in 29 drawers of filing cabinets, the cards are now being microfilmed by Miss Packard. They will be condensed to an estimated 30 rolls of film. This phase of the project will take about 24 more hours of Miss Packard's volunteered time. After the microfilming process is completed, the films will be stored in two or three envelope-size boxes.

In addition to identification data, the cards, from 1923 through 1939, contain diagnoses and any surgical procedures performed. They will be readily available for future reference for various medical and legal purposes. All information from 1896 through 1922 is available in original form in bound volumes of medical records.

"When the automatic file was installed seven years ago, plans were made to weed out inactive cases in order to release card-storage space for new patients. There is now enough space available to last through the year 2012, at which time another 'purge' of inactives, from 1940 through 1947, will be necessary," explained Miss Louise Seymour, director of the medical record department. She then exclaimed, "I don't expect to be around for that one!"

Tragic Car Accident Takes Nurse's Life

A tragic accident led to the death of Mrs. Janet MacDuff Whitehouse, evening staff nurse at the Joslin Teaching Unit. Mrs. Whitehouse and her husband, George, were driving home late Friday, August 28, when their car skidded through a temporary barrier on Memorial Drive, Cambridge. The car plunged into the Charles River and sank in 16 feet of water.

Mrs. Whitehouse was 29 years old. She leaves her husband and three sons: Brian, 8; Keith, 6; and Dean, 4.

A member of the School of Nursing's Class of 1962, Mrs. Whitehouse worked in both full- and part-time capacities at the Deaconess since her graduation. For the last four years she worked exclusively at the Joslin Teaching Unit.

Memorial services were held at the First Universalist Church, North Attleboro on August 31 and at the Arlington Street Church September 2.

After learning about Mrs. Whitehouse's death, many people in the hospital contacted Miss Ellen D. Howland, director of nursing, to find out what they, as individuals, could do for the Whitehouse family. Contributions began to flow into Miss Howland's office and it was decided to give the money to Mr. Whitehouse for the three boys. Anyone who wishes to make a donation to the family should contact the nursing office for further information.

Miss Hancock Retires After 21 Years

A tea in Harris Hall, August 4, honored Miss Dorothy Hancock, instructor in the Nursing School's first-year program. Miss Hancock was greeted by many of her friends, coworkers and students. She was presented with an array of gifts from her Deaconess associates: crystal candle sticks from the administration, a crystal bowl from friends and a crystal vase and a scrapbook from the nursing instructors. Her students gave her a copper etching of a sailing vessel.

After graduating from Children's Hospital School of Nursing, Miss Hancock continued her education at Boston University's School of Nursing where she received a bachelor's degree in nursing education. She worked at Children's Hospital and served with the Army Nurse Corp in Ireland, England, France and Germany before coming to the Deaconess in 1949.

Miss Hancock came here as one of three clinical instructors. She has seen a great deal of change and expansion in teaching staff and facilities in the school since her arrival 21 years ago. She taught nursing skills to over 1150 students at the Deaconess.

An out-of-doors and sports enthusiast, Miss Hancock is looking forward to her retirement at Sunrise Lake in Middleton, N. H. She is already planning a garden and looking forward to using her ski-mobile when winter arrives. A painting hobby promises to keep Miss Hancock busy in between her out-of-doors pastimes.

Miss Dorothy Hancock admires the crystal candle sticks given her by the hospital while Mr. Richard Lee, director of NEDH, and Miss Ellen D. Howland, director of nursing, enjoy her delight.

Commencement Means Beginning . . .

Commencement exercises for the 72nd graduating class of the School of Nursing took place August 7, at 8:15 p.m., in the John Hancock Hall. Dr. Edward W. Bauman, senior minister of Foundry United Methodist Church, Washington, D. C., was the guest speaker. He was introduced by Mr. R. D. Lowry, executive vice president, who presided at the ceremony.

Dr. Bauman praised the 40 graduates for communicating the worthiness of life in two ways. He commented that, "You are affirming the very basic goodness of life by affirming the integrity of your own life as an individual . . . and by being willing to do that which is necessary to alleviate suffering; to make life possible for other people."

He spoke to the nurses about the paradox of how a person becomes more fulfilled as an individual by giving to other people. "The deepest satisfaction you will ever have is in just being there to minister to the needs of others!" exclaimed the theologian.

Every year, the graduating class elects a member of the NEDH medical staff to address them at commencement. Dr. Andrew St. Amand, anesthesiologist, was the choice of the Class of 1970. He extended to the nurses, on behalf of the medical staff, feelings of pride and wishes for success in their chosen field.

Miss Ellen D. Howland, director of nursing, and Mr. Laurens MacLure, president of the NEDH Corporation, each addressed the graduates before presenting them with their diplomas. They both emphasized the point that, as nurses, the girls have available to them one of the greatest rewards of life; the opportunity to help others.

After all of the diplomas were distributed, Miss Howland presented the Alumnae Scholarship for further education. Miss Lois Ann Fisher, honor graduate, was the elated recipient.

Two academic activities led to the culminating commencement ceremony on August 7. The seniors were presented with their NEDH School of Nursing pins by Miss Howland on July 31 in the Chapel. They also participated in a baccalaureate service on August 2. Dr. Robert H. Hamill, dean of Boston University's Marsh Chapel, where the service took place, addressed the seniors on the problems and responsibilities of environmental maintenance.

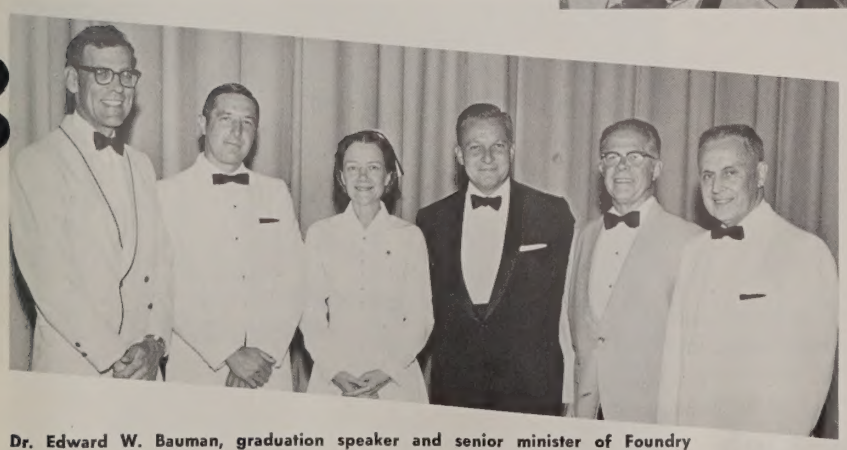
At the baccalaureate and commencement exercises, the School of Nursing Glee Club performed under the direction of Mr. John J. Markarian, Jr. Miss Jayne Lutterell, pianist, accompanied them.

Social events honoring the graduating nurses were: an evening picnic cruise to George's Island on July 8, a moonlight cruise and dance on July 31 and a banquet on August 5.

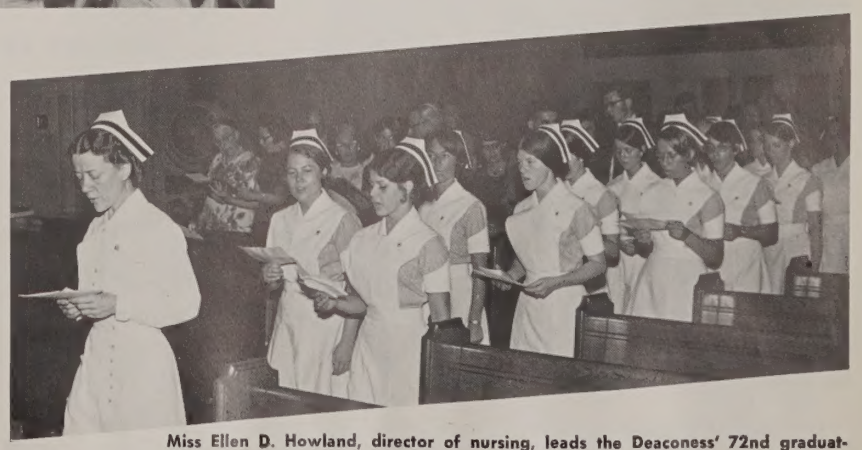
Mrs. Susan J. Carson (r.), Class of 1968, hands Linda Farnsworth, Class of 1970, her bouquet of roses before the graduation ceremony.

Members of the School of Nursing's Class of 1970 who graduated with honors have mixed expressions as they anticipate receiving their diplomas.

Class officers smile at the thought, "We've made it!" They are (l. to r.) Janice Krohn, president; Linda Caton, vice president; Margaret Hendry, secretary; and Helen LaPorte, treasurer.



Dr. Edward W. Bauman, graduation speaker and senior minister of Foundry United Methodist Church, Washington, D. C.; Dr. Andrew E. St. Armand, anesthesiologist who gave the NEDH doctor's message; Miss Ellen D. Howland, director of nursing; Mr. Laurens MacLure, president of the NEDH Corporation; Mr. R. D. Lowry, executive vice president; and Chaplain Ralph A. Curtis pose before commencement exercises on August 7 at the John Hancock Hall.



Miss Ellen D. Howland, director of nursing, leads the Deaconess' 72nd graduating class down the aisle of Boston University's Marsh Chapel where baccalaureate services were held on August 2.

. . . The Class of 1973 Arrives!

Members of the Class of 1973 arrived at the School of Nursing on Tuesday, September 8. Coffee was served from 9:30 to 11:30 a.m. Parents and freshmen were able to meet members of the faculty and administration during this time. It was an exciting occasion for the freshmen, who began the pleasant task of becoming acquainted with each other. Unpacking cars and registering in Harris Hall rounded out the morning's itinerary.

Two weeks of general orientation began with the arrival of the freshmen. Among other things they were introduced to student organizations, dormitory life, the health services, library, Northeastern University, clinical areas and Boston. Their introduction to Boston involved trips to the Science and Fine Arts Museums and a day's tour of the historical landmarks. Academic activities began to dominate the girls' time after classes started on September 21 at Northeastern.

The Class of '73 is composed of 64 individuals. A majority of the girls, 44, are from Massachusetts. Other New England states claim 17 girls as residents. In addition, there are two freshmen from New Jersey and one from Pennsylvania.

Sylvia Dione arrives from Nashua, N. H., with her mother and brother-in-law, Raymond Dionne. Unloading a car filled with luggage seems less of a chore with three people working together!

Patricia Ann Marron and her mother, Mrs. James Marron, from Norwalk, Conn., begin the task of moving Patricia's belongings from the Harris Hall lobby to her room upstairs.

Miss Ellen D. Howland, director of nursing, converses with Mr. and Mrs. Stanley Milutis and their daughter, Deborah, during the coffee hour for freshmen and their parents.

Freshmen, Pam Brown, from Weston, Mass., registers at Harris Hall with Mrs. MacNaughton, housemother.

Activities, other than the primary one, Academics, await the freshmen . . .

Christie Bellany and her escort enjoy the evening breeze during the School of Nursing's July 31 harbor cruise.

. . . a harbor cruise

. . . the Glee Club

The Glee Club performs under the direction of Mr. John J. Markarian, Jr. Watching their presentation at the 1970 Commencement Exercises are: Mr. Laurens MacLure, president of the NEDH Corporation; Miss Ellen D. Howland, director of nursing; and Mr. R. D. Lowry, executive vice president.

Doctors doings

Dr. David P. Boyd, thoracic surgery, attended the International Meeting of the American College of Chest Physicians in Lausanne, Switzerland, August 5.

* * *

Dr. Frank A. Howard, internal medicine, attended the International Cardiology Meeting in London, England, in September.

* * *

Dr. C. J. Maletskos, senior associate at CRI, traveled to the International Atomic Agency in Vienna, Austria, to attend the Consultants Meeting on Medical Activation Analysis Research in May. On June 3, he gave a lecture on "Ionizing Radiation and the Concerned Citizen" to the League of Women Voters in Ipswich, Mass. He presented a paper entitled, "Sampling and Sample Handling of Human Tissues for Activation Analysis," at the June 23-25 Conference (4th annual) on Trace Substances in Environmental Health at the University of Missouri, Columbia, Mo.

* * *

Dr. George Nichols Jr., scientific director of CRI, served as chairman of the Franklin C. McLean Commemorative Workshop Conference on Cell Mechanisms for Calcium Transfer and Homeostasis. At the conference which was held in Portsmouth, N. H., September 13-17, Dr. Nichols gave a lecture on "Bone Cells."

* * *

Dr. Stanley E. Order, therapeutic radiology, has been promoted to assistant professor of radiation therapy at Harvard Medical School.

* * *

Dr. John L. Rowbotham, medical director of the Stoma Clinic, was presented with a silver bowl in recognition of his participation in stoma rehabilitation at the late-August national convention of the United Ostomy Association held in Boston.

* * *

Dr. Chung-Wai Tang, a fellow at CRI, presented a paper, "Column Separation by Isotopic Exchange in an Organic Medium," at the June 28-July 2 annual meeting of the American Nuclear Society, Los Angeles.

Facelifting In Central Lobby Nears Completion

Central lobby renovations are nearly completed. NEDH's new gift shop, adjacent to the lobby, opened for business on Monday, September 21. Also, four new public telephone booths are being installed in the anteroom off the lobby. There is a slight delay in the installation of these booths because they are too large to fit through the door into the anteroom. Some of the wood paneling must be removed, temporarily, in order to install the new booths. After the installation is completed, the two phones next to the elevators will be removed. The new location provides more privacy and additional safety features for the telephone user.

In the radiation therapy department, two renovated areas provide additional work space. The refurbished treatment room, located in the Central sub-basement, reopened for patients on August 31. Cancer patents can receive the most advanced radiation treatment available from the newly installed 4 MEV (Million Electron Volt) Accelerator.

Dr. Stanley Order and Dr. Abraham Marck, radiation therapists, and their secretaries moved from Central 2 to new offices on the first floor of the CRI building. The new location, adjacent to the Employee's Health Clinic, provides better access for outpatients and also makes some exam rooms available to the radiation therapy people. The modernization of the office space was done primarily by the Deaconess maintenance department.

New England Telephone and Deaconess maintenance crews continue to work on the switchboard room on Baker roof. The facility is scheduled to take over communication services by the end of September.

With the colder weather creeping in on us, the outside construction crews are hurrying to complete their work. Demolition of the bridges connecting Deaconess and Central is complete and brick layers are closing in the open space between the two buildings. During the colder months, work will continue within the enclosed area.

Down The Aisle

Engaged . . .

Elizabeth A. Dausch, RN on Deaconess 3 for the last year, is engaged to George P. Salerno, R. H. Macy, Inc.

Maureen Doherty, medical secretary in anatomical pathology, is engaged to Patrick E. McDonough, U.S. Navy.

Married . . .

Joan S. Basile, assistant head nurse on Deaconess 4—North, married William R. Luthern on May 2. Mr. Luthern is a mechanical engineer with Mystic Valley Gas Co.

Amy Anne Bumsted, staff nurse in nursing services, became the wife of Jack E. Bodwell on June 20. Mr. Bodwell attends the University of New Hampshire.

Sharon Ann Gottfried, laboratory technician in clinical pathology, married Robert G. Rook on May 16. Mr. Rook is employed by Yunits Engineering Co. of Holbrook, Mass.

Rose Marie McDonnell, medical technologist in clinical pathology, married Joseph G. Salah on July 26. Mr. Salah, a civil engineer, graduated from Wentworth Institute and Northeastern University.

Gaynell Rich, secretary to Mr. Theodore Koch for the past five years, married Gerry Cooper on September 12. Mr. Cooper is a superintendent for Briscoe Construction Co.

Phyllis M. Saville, clinical pathology lab technician trainee, married David P. Irwin on June 20. Mr. Irwin works for P. J. Petrocelli, general contractor.

Sallyann Sheehan, pathology records department, became the wife of William J. Gaudaitis on May 23. Mr. Gaudaitis is a salesman for Harbor Tool Co., Boston.

Anne Elaine Whitney, medical technologist in pathology, married Hugh M. Doherty in April. Mr. Doherty is a claim adjustor for the Division of Employment Security.

Christie Ann Williamson, surgical technician, became Stuart M. Bowers' wife in mid-July. Mr. Bowers is an electronic technician at the Electronics Corp. of America.

Points to Ponder . . .

"It is easy to be critical. The real test is to come up with constructive alternatives."

"The man who seeks your advice too often is probably looking for praise rather than information."

"To be agreeable when we disagree is a goal most of us have to keep working at."

"The man who thinks he knows it all is a pain in the neck to those of us who really do."

"The future is that time when you'll wish you'd done what you aren't doing now."

"Even if you're on the right track, you'll get run over if you just sit there."

All Are Invited

The surgical service department is planning two October in-service education programs that will be open to all NEDH personnel. On October 7, Mrs. Peggy Easterday, from the Massachusetts Department of Public Health, will speak on "Venereal Disease" at 2 p.m. in the Joslin Auditorium.

Dr. Leonard Zinman, urologist at Lahey Clinic, will speak about "The Role of the Urologist in the Population Explosion" at 7:15 a.m. in the new recovery room on Central 4. Miss Mary G. MacRitchie, RN ORS and coordinator of surgical in-service education, urges all interested personnel to attend these open meetings.

Do you have any **ARTICLE IDEAS** for the "Pulse?" If something is happening in your department, please send the information to public relations, room 522, Medical Office Building.

On August 28, six students completed a year of training which qualifies them as operating room technicians. They are (top, l. to r.): John Burke, Eunice MacAllister, Barbara Ippen, Mrs. Lois Morrissy, instructor; (bottom, l. to r.) Donna Roche, Jacquelyn Norton and Diane Midgette.

Unit-Dose Distribution System Expanded

The unit-dose drug distribution system which has been working successfully on Deaconess 3—North and Central 3 since last April, expanded to Deaconess 4 in mid-September. With the extension of unit-dose to another floor, the total number of beds served by the distribution system increased from 52 to 94.

Using the unit-dose system, the pharmacy acts as direct supplier and monitor of all drugs given to patients. Each doctor's prescriptions are interpreted by a pharmacist and filled by pharmacy technicians. A pharmacist then checks the filled orders before the unit-dose carts are replenished on the floors. As an additional safeguard, nurses check the dosage, in the cart, against the doctor's orders before administering the medication.

Since unit-dose medications are individually packaged, each retains its identity and cleanliness if unopened. This reduces cost by preserving unused drugs that may be returned and reused. The system also reduces crediting procedures because a patient is not charged for his medication until it is administered. Under the older drug distribution system, a patient is charged at the time the medication is prescribed by the doctor. If the patient doesn't use the entire prescription, the pharmacy has to credit his account for the unused amount.

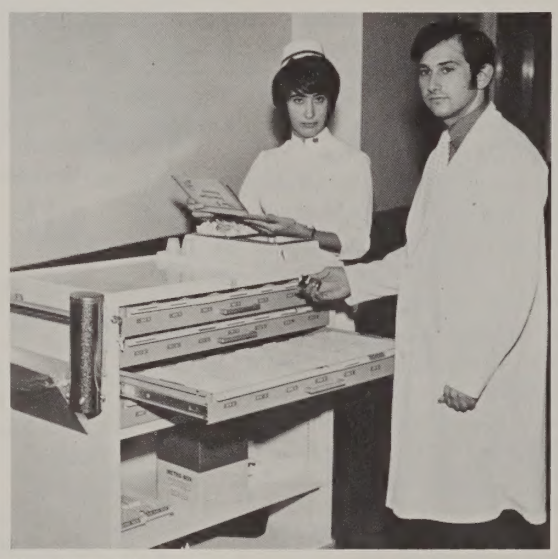
According to Mr. Philip P. Pacella, pharmacist and coordinator of the new distribution system, "Unit dosage utilizes pharmacy personnel more efficiently, provides complete control of medications and reduces the possibility of errors in transcribing orders. It eliminates nursing involvement in preparation of medications, thereby, freeing them for more direct patient contact."

An evaluation of Central 3 nurses, taken in the early summer, indicates an overall support of the unit-dose distribution system. Twenty-two of the 30 distributed questionnaires were returned. Nineteen of these commended the unit-dose system on the merit that there is "Less Danger of Medication Errors."

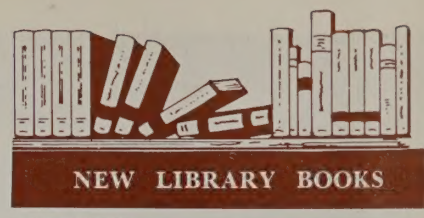
Twenty nurses said that they liked having each patient's drugs in individual drawers. The unit-dose carts have patient drawers with individual compartments for each patient on the floor. These compartments are subdivided into pockets. At the Deaconess, the front pocket contains the patient's regular medications and the back pocket contains any special-order drugs. One set of drawers is on the patient floor for administration of drugs while the other is being prepared in the pharmacy.

Unit-dose carts are replenished by pharmacy technicians at 9 a.m., 1 p.m. and 5 p.m. every day. This schedule is agreeable to the majority of nurses who participated in the staff evaluation.

Miss Nancy Whitehead and Mrs. Mary Ellen Kessel, staff nurses on Central 3, get ready to check doctor's orders against the contents of two unit-dose carts.



Miss Nancy Bliss, staff nurse on Deaconess 3—North, works at a unti-dose cart with Mr. Peter Cataldo, pharmacy technician.



NEW LIBRARY BOOKS

FICTION

Bech

John Updike. A collection of stories about the writer, Henry Bech, depicting the plight of the artist in America.

The Crystal Cave

Mary Stewart. Britian in the fifth century and the story of Merlin.

Down All the Days

Christy Brown. A singing, seamy picture of the Dublin slums of the 40's and 50's.

Local Anaesthetic

Gunter Grass. A satirical portrait of social confusion.

The Shadow Before

L. P. Davies. A mystery.

Such Good Friends

Lois Gould. An intense portrait of a dramatic marital crisis.

The Summit

Stephen Marlowe. A contemporary novel of international intrigue.

NONFICTION

Bible

English. 1970 Ed. of the New English Bible. (3 vols.)

The Curtis-Culligan Story

Matthew J. Culligan. The inside story of the decline of the Curtis Publishing Co.

Five Patients: The Hospital Explained

Michael Crichton. An inside look at the realities of today's hospitals.

Hawaii

William Graves. The National Geographic Society describes our 50th state.

Please Touch

Jane Howard. A guided tour of the human potential movement.

The Psychiatrists

Arnold A. Rogow. A comprehensive inquiry into the scope, influence and future of psychiatry in the United States.

New England Deaconess Hospital
185 Pilgrim Road
Boston, Massachusetts 02215

pulse

The New England Deaconess Hospital Complex, including the Medical Office Building at One Ten Francis Street, Lahey and Overholt Thoracic Clinics, the Joslin Diabetes Foundation, Inc., the Cancer Research Institute and the Shields Warren Radiation Laboratory, is internationally known for diagnosis, treatment and research in general medicine, brain and chest surgery, cancer and diabetes.

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R. D. Lowry
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